FIG.1A PRIOR ART

IMAGE INTENSITY OF FRONT SIDE AND BACKSIDE

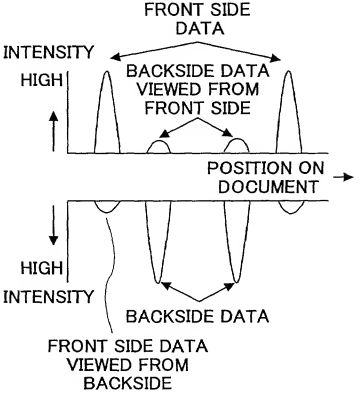

FIG.1B PRIOR ART

(a) IMAGE INTENSITY OF FRONT SIDE SHOW IN FIG.1A

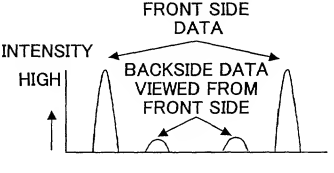

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FIG.2A PRIOR ART

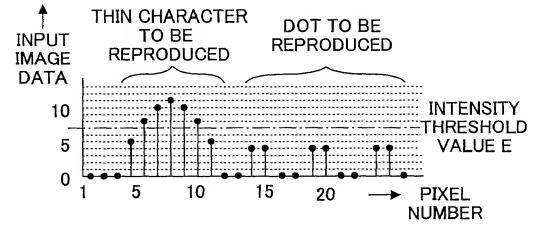


FIG.2B PRIOR ART

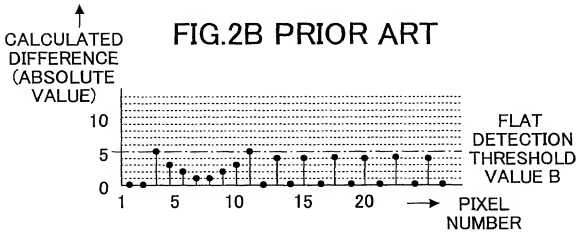


FIG.2C PRIOR ART

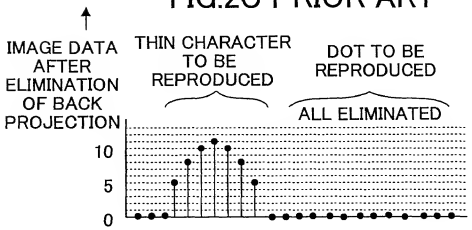
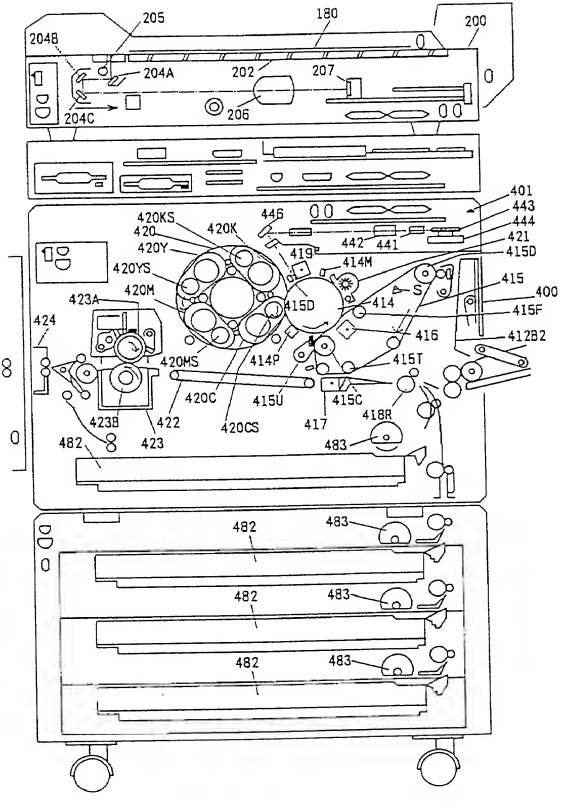
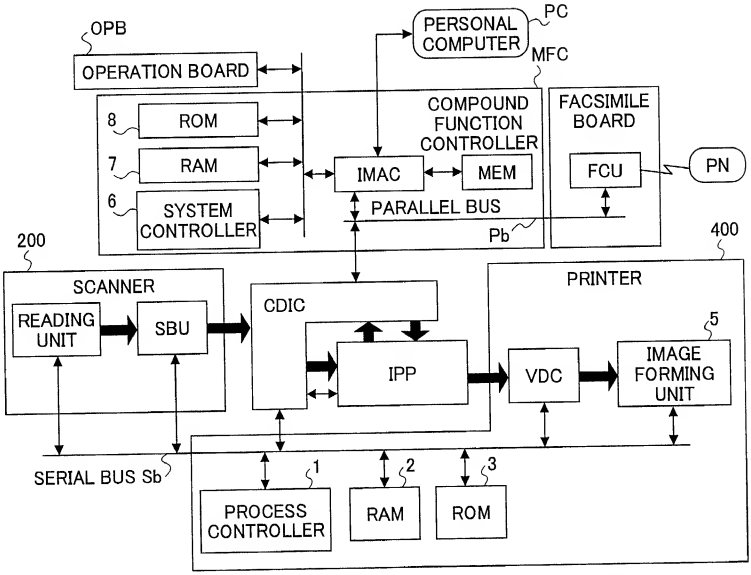


FIG.3


205
180
200
204B
204A
202
207
204C
206
401
443
444
421
415D
420KS
420
420K
446
442
441
420Y
419
414M
420YS
415
400
420M
S
423A
415D
414
415F
424
416
412B2
420MS
414P
415T
420C
415U
415C
423B
422
420CS
417
418R
482
423
483
482
483
482
483
482
483

T08280" 2596657

FIG.4



TOSZ80*Z595E650

FIG.5

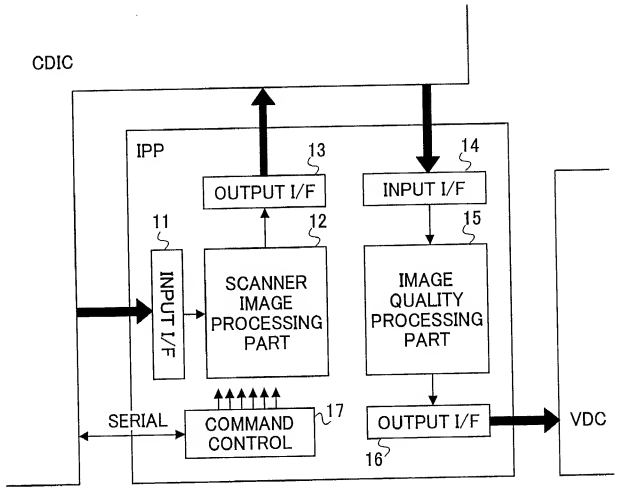
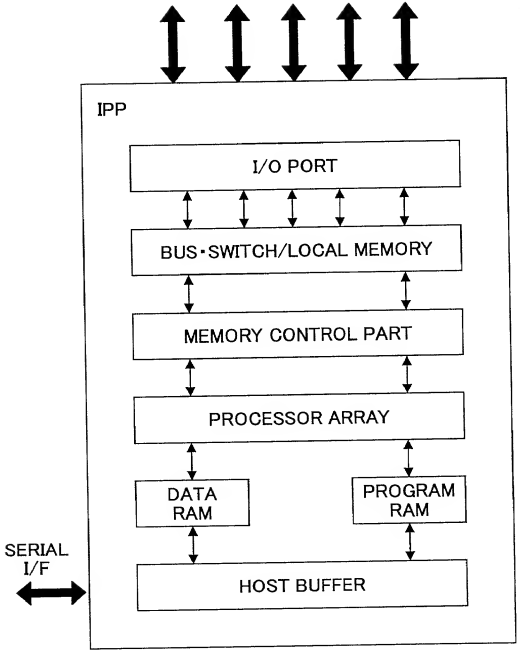


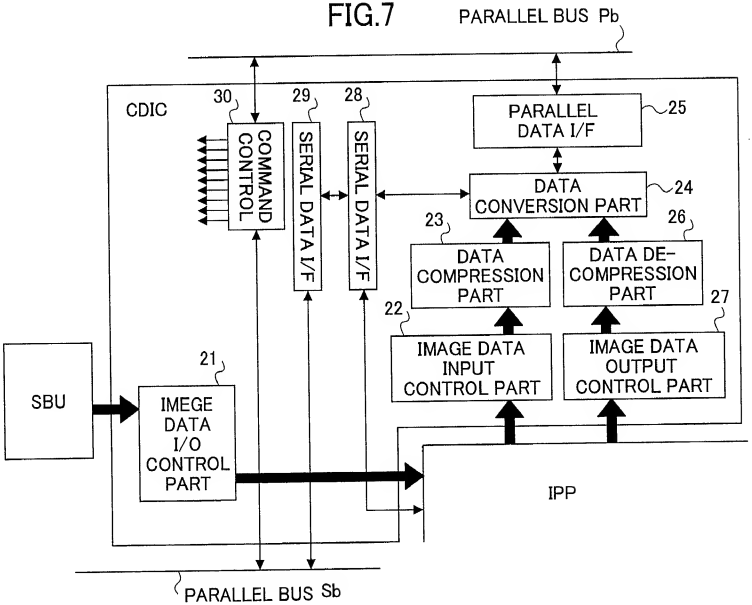
FIG.6



T08280 '75996693

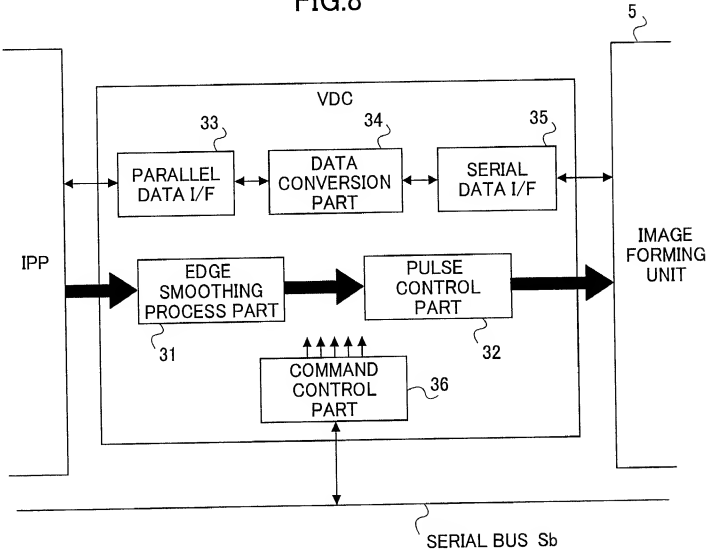
TD8280'Z596660

FIG.7



TD8280 '7596650

FIG.8



TD8280'/596650

FIG.9

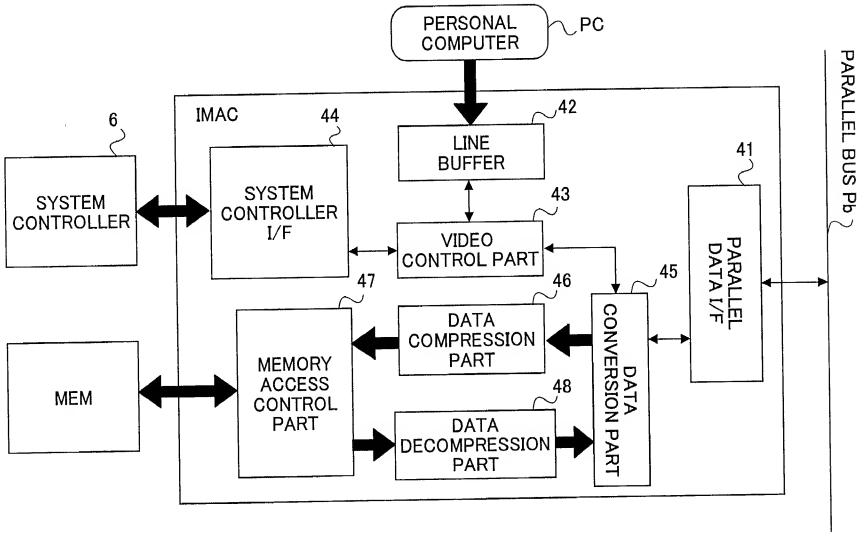


FIG.10

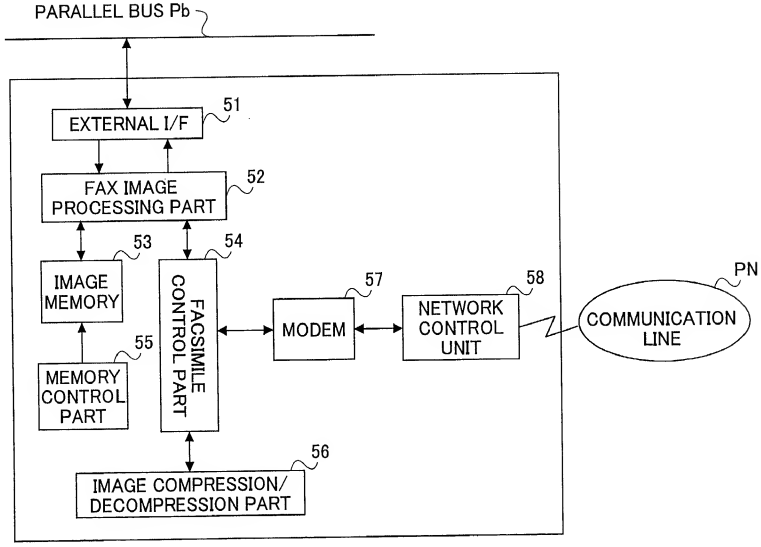

PARALLEL BUS Pb
EXTERNAL I/F
51
FAX IMAGE PROCESSING PART
52
IMAGE MEMORY
53
FACSIMILE CONTROL PART
54
MEMORY CONTROL PART
55
MODEM
57
NETWORK CONTROL UNIT
58
PN
COMMUNICATION LINE
IMAGE COMPRESSION/ DECOMPRESSION PART
56

FIG.11

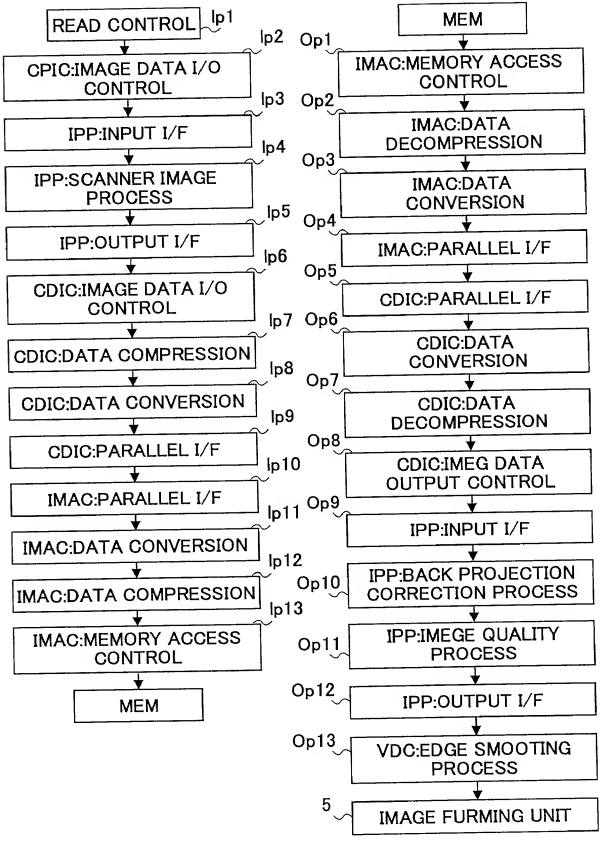


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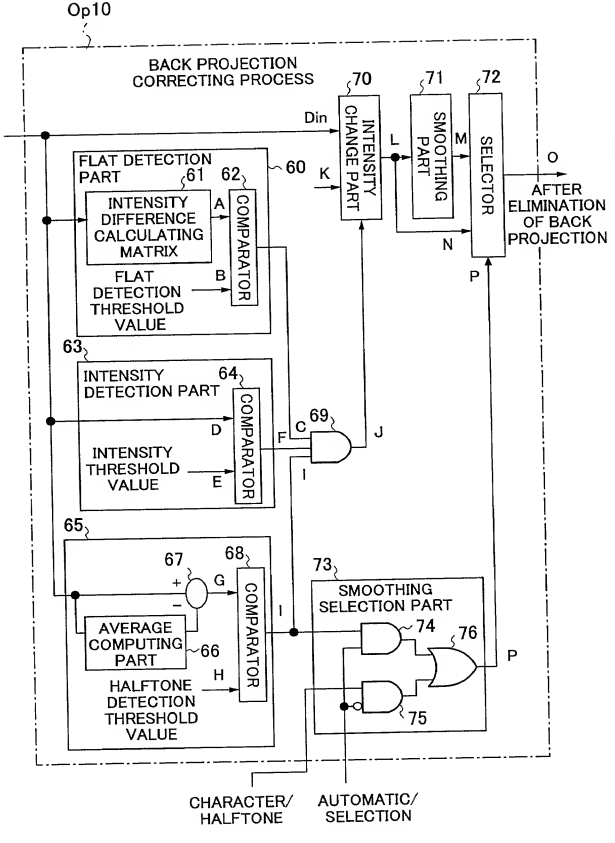
FIG.12



09396577.082801

FIG.13A

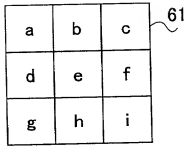


FIG.13B

A1=| e−a |
A2=| e−b |
A3=| e−c |
A4=| e−d |
A5=| e−f |
A6=| e−g |
A7=| e−h |
A8=| e−i |

FIG.13C

WHEN
A1<B AND
A2<B AND
A3<B AND
A4<B AND
A5<B AND
A6<B AND
A7<B AND
A8<B ,

ATTENTION PIXEL IS DETECTED AS FLAT,
AND C=1 IS SET

FIG.14A

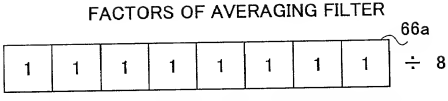
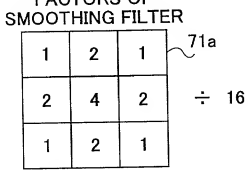


FIG.14B



TOSHIBA 7599E660

JP08280675A

FIG.15A

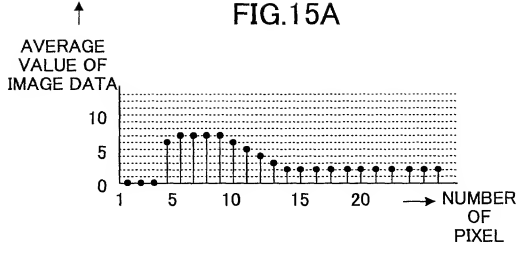


FIG.15B

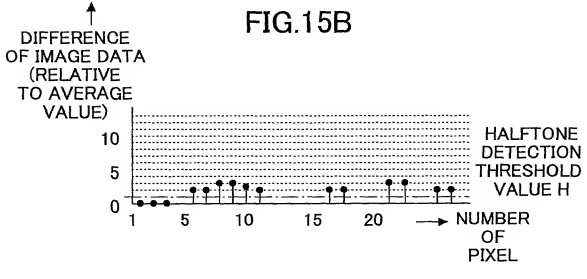
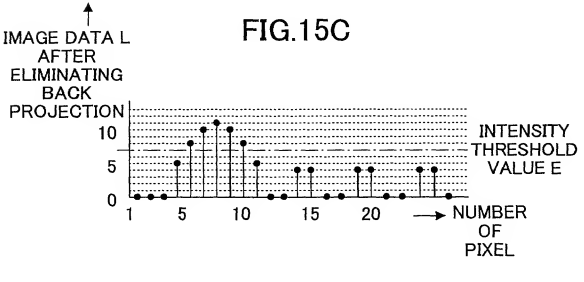
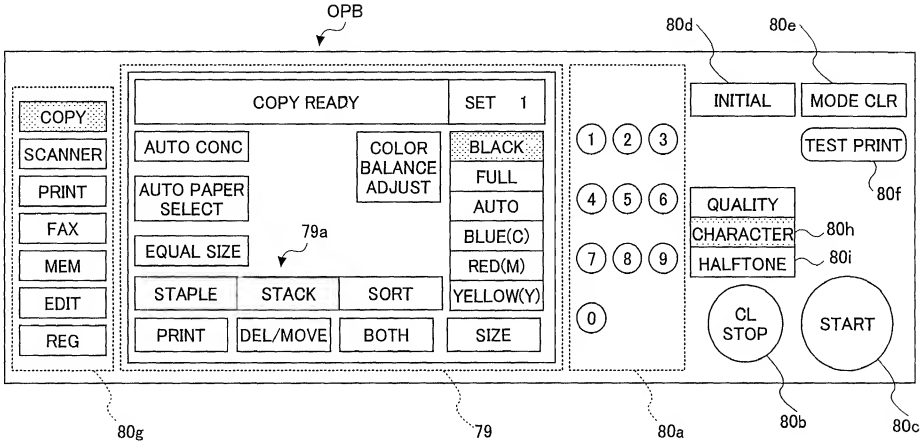


FIG.15C



TD8280'4596660

FIG.16



TO8280 "7596660

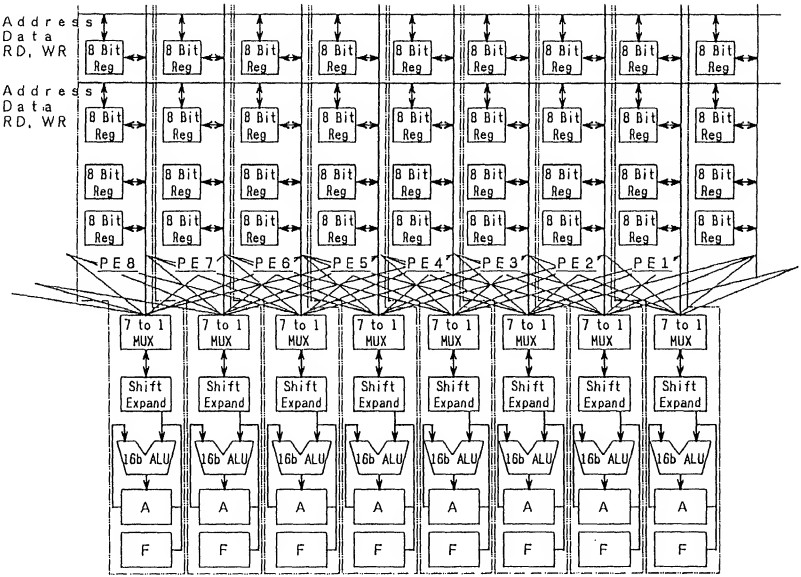


FIG.17

FIG.18

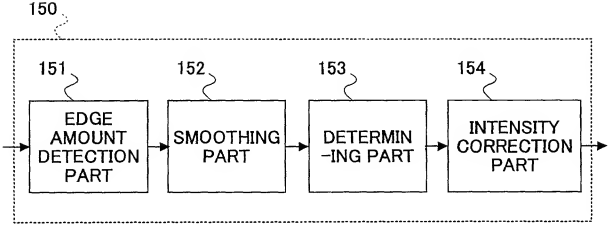


FIG.19A

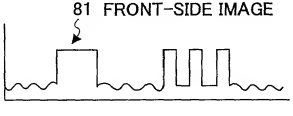


FIG.19B

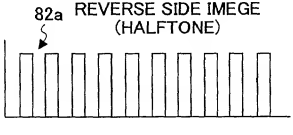


FIG.19C

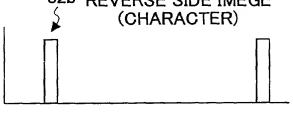


FIG.19D

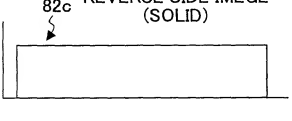


FIG.20

$$L1 = \begin{bmatrix} & -1 & \\ -1 & +4 & -1 \\ & -1 & \end{bmatrix}$$

FIG.21A

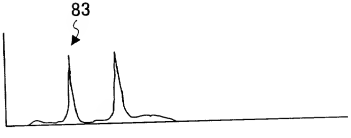


FIG.21B

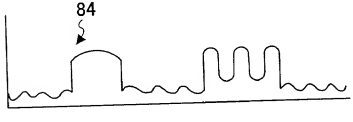


FIG.22

$$L2 = \begin{bmatrix} 1 & 1 & 1 & 1 & 1 \\ 1 & 1 & 1 & 1 & 1 \\ 1 & 1 & 2 & 1 & 1 \\ 1 & 1 & 1 & 1 & 1 \\ 1 & 1 & 1 & 1 & 1 \end{bmatrix} \times 1/26$$

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